

Message

**From:** Crosby-Vega, Terri [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E439D8D14EAF4F8DA8661E95A3037052-CROSBY-VEGA, TERRI]  
**Sent:** 10/7/2016 1:38:45 PM  
**To:** Merizalde, Carlos [Merizalde.Carlos@epa.gov]  
**Subject:** RE: Eglin Air Force Base RCRA permit for open burning / open detonation

Thanks, Carlos!!

Terri Crosby-Vega  
Environmental Engineer  
USEPA Region 4  
Atlanta Federal Center 9T25  
61 Forsyth Street SW  
Atlanta, GA 30303  
404-562-8497

-----Original Message-----

From: Merizalde, Carlos  
Sent: Friday, October 07, 2016 9:12 AM  
To: Frances Dunham <[REDACTED]> **Personal Email / Ex. 6**  
Cc: Crosby-Vega, Terri <Crosby-Vega.Terri@epa.gov>; Bryan.Baker@DEP.State.FL.US; info@csweb.org  
Subject: RE: Eglin Air Force Base RCRA permit for open burning / open detonation

Good morning, Ms. Dunham,

I explored for the first time FDEP's Oculus document repository and found:

The following link will give you ALL documents/links for EGLIN Air Force Base under the profile "Permitting\_Authorization".

[https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=hitlist&\[freeText=\]&\[folderName=\]&\[profile=Permitting\\_Authorization\]&\[creator=\]&\[entityType=Document\]&\[createdDateTo=\]&\[catalog=2\]&\[searchBy=profile\]&\[sortBy=Document+Date\]&\[createdDate=\]&\[Facility-Site+ID=\\_EQ\\_FL8570024366}](https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=hitlist&[freeText=]&[folderName=]&[profile=Permitting_Authorization]&[creator=]&[entityType=Document]&[createdDateTo=]&[catalog=2]&[searchBy=profile]&[sortBy=Document+Date]&[createdDate=]&[Facility-Site+ID=_EQ_FL8570024366})

The following link will give you ALL documents/links, in FDEP's Oculus, for EGLIN AFB under the profile "Cleanup\_Remediation".

[https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=hitlist&\[freeText=\]&\[folderName=\]&\[profile=Cleanup\\_Remediation\]&\[creator=\]&\[entityType=Document\]&\[createdDateTo=\]&\[catalog=2\]&\[searchBy=profile\]&\[sortBy=Document+Date\]&\[createdDate=\]&\[Facility-Site+ID=\\_EQ\\_FL8570024366}](https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=hitlist&[freeText=]&[folderName=]&[profile=Cleanup_Remediation]&[creator=]&[entityType=Document]&[createdDateTo=]&[catalog=2]&[searchBy=profile]&[sortBy=Document+Date]&[createdDate=]&[Facility-Site+ID=_EQ_FL8570024366})

In the future you could enter the above links in order to search for any documents in those two profiles.

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The links below should address your present request. Note that some documents are in the "Permitting\_Authorization" and the rest in the "Cleanup\_Remediation" profile.

1. Renewal Permit Application dated April 11, 2001.

04/17/2001

[https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=2.88396.1\]&\[profile=Permitting\\_Authorization\]](https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=2.88396.1]&[profile=Permitting_Authorization])

04/18/2001

[https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=2.37079.1\]&\[profile=Permitting\\_Authorization\]](https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=2.37079.1]&[profile=Permitting_Authorization])

2. Renewal Application dated February 27, 2006.

[https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=2.103452.1\]&\[profile=Permitting\\_Authorization\]](https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=2.103452.1]&[profile=Permitting_Authorization])

3. Permit Application Changes dated April 11, 2007.

04/13/2007

[https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=2.121935.1\]&\[profile=Permitting\\_Authorization\]](https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=2.121935.1]&[profile=Permitting_Authorization])

4. Renewal Application dated February 23, 2010.

[https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=2.248643.1\]&\[profile=Cleanup\\_Remediation\]](https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=2.248643.1]&[profile=Cleanup_Remediation])

5. Renewal Application dated March 5, 2015.

03/16/2015

[https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=2.377266.1\]&\[profile=Cleanup\\_Remediation\]](https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=2.377266.1]&[profile=Cleanup_Remediation])

6. Additional Information submitted on July 18, 2001, August 31, 2001 and September 21, 2001.  
07/20/2001

[https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=2.41615.1\]&\[profile=Cleanup\\_Remediation\]](https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=2.41615.1]&[profile=Cleanup_Remediation])

08/31/2001

[https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=2.42008.1\]&\[profile=Cleanup\\_Remediation\]](https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=2.42008.1]&[profile=Cleanup_Remediation])

09/21/2001

[https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=2.42106.1\]&\[profile=Cleanup\\_Remediation\]](https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=2.42106.1]&[profile=Cleanup_Remediation])

7. Applicability of Subparts AA, BB and CC to Burn Kettles dated March 3, 2004.

[https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=2.85827.1\]&\[profile=Cleanup\\_Remediation\]](https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=2.85827.1]&[profile=Cleanup_Remediation])

Please be advised that in order to request documents from the EPA, you will need to do it through the FOIA process.

Carlos E. Merizalde

RCRA Corrective Action and Permitting Section RCRA Cleanup and Brownfields Branch Resource Conservation and Restoration Division - US EPA Region 4

Phone: (404) 562-8606 - Fax: (404) 562-8439

-----Original Message-----

From: Frances Dunham [mailto:**Personal Email / Ex. 6**]

Sent: Thursday, October 06, 2016 2:10 PM

To: Merizalde, Carlos <Merizalde.Carlos@epa.gov>

Cc: Crosby-Vega, Terri <Crosby-Vega.Terri@epa.gov>; Bryan.Baker@DEP.State.FL.US; info@csweb.org

Subject: Re: Eglin Air Force Base RCRA permit for open burning / open detonation

Thank you, Carlos et al. This does take me to the oculus site, but it doesn't specifically lead me to the Eglin documents I'm seeking. Usually FDEP send links with certain materials directly available for download.

Do you think you could narrow it down to the RCRA Part A application for Eglin and the other other ??

Thanks very much.

Frances Dunham

> On Oct 6, 2016, at 8:08 AM, Merizalde, Carlos <Merizalde.Carlos@epa.gov> wrote:

>

> Good morning, Ms. Dunham,

>

> Please see the link below.

>

> \_\_\_\_\_

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> Bryan Baker, Florida DEP wrote:

>

> <https://depdms.dep.state.fl.us/Oculus/servlet/login>

>

> Terri, this link will take her to our electronic document depository. All of the documents should be in there.

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> Carlos E. Merizalde

> RCRA Corrective Action and Permitting Section RCRA Cleanup and

> Brownfields Branch Resource Conservation and Restoration Division - US

> EPA Region 4

> Phone: (404) 562-8606 - Fax: (404) 562-8439

>

>

> From: Frances Dunham [mailto:**Personal Email / Ex. 6**]

> Sent: Wednesday, October 5, 2016 3:14 PM

> To: Crosby-Vega, Terri

> Cc: info@csweb.org; Merizalde, Carlos; Bryan.Baker@DEP.State.FL.US

> Subject: Re: Eglin Air Force Base RCRA permit for open burning / open

> detonation  
>  
> Terri,  
>  
> Thank you for your reply.  
>  
> Would you please forward me a pdf copy of the applicable RCRA Part A application for Eglin?  
>  
> Also, seeing that the 2016 FDEP permit lists these documents, among others, as having been used in the preparation of this permit, please forward electronic copies of these as well:  
>  
> 1. Renewal Permit Application dated April 11, 2001.  
> 2. Renewal Application dated February 27, 2006.  
> 3. Permit Application Changes dated April 11, 2007.  
> 4. Renewal Application dated February 23, 2010.  
> 5. Renewal Application dated March 5, 2015.  
> 6. Additional Information submitted on July 18, 2001, August 31, 2001 and September 21, 2001.  
> 7. Applicability of Subparts AA, BB and CC to Burn Kettles dated March 3, 2004.  
>  
> Thank you very much.  
>  
> Frances Dunham  
>  
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>  
>  
> > On Sep 12, 2016, at 10:14 PM, Crosby-Vega, Terri <Crosby-Vega.Terri@epa.gov> wrote:  
> >  
> > Frances,  
> >  
> > As previously stated, all hazardous waste managed at Eglin should be identified in the Part A and Part B Applications. (The Part A Application should include all waste codes associated with operations at the facility.) If it is not specifically identified in their permit, it is not allowed. If the waste code is general, such as D003, a list of materials allowed should be identified in the Permit Application. (It would be a long list to identify everything that is not allowed. The checklists for the FDEP applications can be found at <http://www.dep.state.fl.us/Waste/categories/hazardous/pages/permits.htm> ) The EPA is aware of the inconsistencies in OB/OD Subpart X Permits, and we are working to provide informal guidance (through monthly calls with States and Regions, as well as DOD) and formal guidance (in the next few years) specifically for OB/OD permitting.  
> > Hazardous Waste Management Permit Application & Checklists ...  
> > [www.dep.state.fl.us](http://www.dep.state.fl.us)  
> > The Hazardous Waste Management Permit Application & Checklists Page of  
> > the Florida Department of Environmental Protection  
> >  
> >  
> > Your best contact for definitive information is the State of Florida. Florida is an authorized State and has authority over the permitting actions at Eglin. However, EPA has a permitting contact that oversees State activities. I think it is Carlos Merizalde. I have copied the State and Carlos on this email.  
> >  
> > The circumstances under which an Eglin permit modification or emergency permit would be required are identified in the 40 CFR Section 270 Subpart D which can be found at <http://www.ecfr.gov/cgi-bin/text-idx?SID=c1d2b8884e389fa8c7cc53cbd637a61e&mc=true&node=pt40.29.270&rgn=div5#sp40.29.270.d> There are numerous circumstances, and they can be found in the regulations. A comprehensive hazardous waste permitting website may also answer some of your questions and can be found at <https://www.epa.gov/hwpermitting> .  
> >  
> > Hazardous Waste Permitting | US EPA  
> > [www.epa.gov](http://www.epa.gov)  
> > EPA's hazardous waste permitting program established by the Resource Conservation and Recovery Act (RCRA) helps ensure the safe treatment, storage and disposal of ...  
> >  
> >  
> >  
> > Terri Crosby-Vega  
> > Environmental Engineer  
> > USEPA Region 4  
> > Atlanta Federal Center 9T25  
> > 61 Forsyth Street SW  
> > Atlanta, GA 30303  
> > 404-562-8497  
> >  
> >  
> > -----Original Message-----  
> > From: Frances Dunham [mailto: ]

**Personal Email / Ex. 6**

> > Sent: Wednesday, September 07, 2016 4:24 PM  
> > To: Crosby-Vega, Terri <Crosby-Vega.Terri@epa.gov>  
> > Cc: info@cswab.org  
> > Subject: Re: Eglin Air Force Base RCRA permit for open burning /  
> > open detonation  
> >  
> > Terri,  
> >  
> > Much as I appreciate hearing from you, your reply doesn't tell me whether or not any wastes generated at Eglin (or Hurlburt Field, Tyndall AFB, Pensacola NAS, Panama City NSA) are prohibited from open burning / open detonation at Eglin AFB or at other Florida ob/od sites. Surely someone at Region 4 has or can obtain this information. Who is my best contact in seeking a definitive list of prohibited wastes, if any?  
> >  
> > Also, what are the circumstances under which an Eglin permit modification or emergency permit would be required?  
> >  
> > I do appreciate your validation of the lack of a specified annual weight limit for ob/od at Eglin, in the absence of which the calculated annual limit is 8,760,000 pounds.  
> >  
> > I look forward to hearing from you. Thank you.  
> >  
> > Frances Dunham  
> >  
> >  
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> > On Sep 2, 2016, at 3:35 PM, Crosby-Vega, Terri <Crosby-Vega.Terri@epa.gov> wrote:  
> >>  
> >> Hi Frances,  
> >>  
> >> The EPA is working on the issues associated with OB/OD to "Explore ways to better manage certain explosive wastes and reduce contamination from OB/OD operations." I will try to answer your questions and concerns. We meet monthly with all EPA Regions and States to discuss the issues of OB/OD. We are trying to be more consistent and address some of the concerns that you have raised with the Eglin Permit.  
> >>  
> >> Annual Limit-Unless it is specified in their Part B Permit Application, I would have to agree with the FDEP staff that the Eglin permit contains no specified annual limit by weight for OB/OD at Eglin. However, I have not reviewed their Part B Application. The Part B Application should have sufficient information included in its sections to write a permit for the facility. The Part B should also specify the hazardous waste that will be managed in each hazardous waste management unit. The Part B requirements can be found in 40 CFR Section 270.  
> >>  
> >> Prohibited Wastes-Other states may prohibit open burning and open  
> >> detonation of certain wastes, such as depleted uranium, red and  
> >> white phosphorus, incendiaries, riot control gear, 50 mm rounds,  
> >> etc. The prohibition of some wastes may also be regulated by other  
> >> agencies (i.e. Nuclear Regulatory Commission). Again, all  
> >> hazardous waste managed at Eglin should be identified in the Part A  
> >> and Part B Applications. (The Part A Application should include all  
> >> waste codes associated with operations at the facility.)  
> >>  
> >> Permit Modifications and Emergency Permits-The permit modifications and emergency permits should be such as defined in the 40 CFR Section 270 Subpart D.  
> >>  
> >> Other-In reviewing Eglin's Permit, I noted their clause for a Waste Minimization Program Plan in Condition II.A.13 that states:  
> >>  
> >> 13. The Permittee shall develop and maintain a Waste Minimization Program Plan. The  
> >> Permittee shall maintain copies of the certification required by  
> >> this Condition in the facility operating record for a minimum of  
> >> three years. The Permittee must certify, no less often than annually, the following.  
> >> a. The Permittee has a program in place to reduce the volume and  
> >> toxicity of hazardous waste generated to the degree determined by  
> >> the Permittee to be economically practicable.  
> >> b. The proposed method of treatment, storage or disposal is the  
> >> most practicable method available to the Permittee, which minimizes  
> >> the present and future threat to human health and the environment.  
> >>  
> >> Eglin is required to certify annually that the proposed method of treatment is the most practicable method available which minimizes the present and future threat to human health and the environment. Eglin is also required to submit a Biennial Report that identifies all the wastes and quantities treated at their facility.  
> >>

> > I hope this answers some of your questions. FDEP is authorized to issue the Hazardous Solid Waste Amendments Permits in Florida. I would advise you to request to be put on the FDEP mailing list so that you may be informed whenever the Eglin Permit is modified or up for renewal. The mailing list notification should provide information on how you may formally comment on any permit modifications or renewals. All comments are required to be addressed prior to issuance of the Permit.

> >>  
> > As previously stated, the EPA is working on the issues associated with OB/OD to "Explore ways to better manage certain explosive wastes and reduce contamination from OB/OD operations." I thank you for your concerns in our on-going effort. Please let me know if I can assist you any further.

> >>  
> > Regards,  
> > Terri

> >>  
> > Terri Crosby-Vega  
> > Environmental Engineer  
> > USEPA Region 4  
> > Atlanta Federal Center 9T25  
> > 61 Forsyth Street SW  
> > Atlanta, GA 30303  
> > 404-562-8497

> >>  
> > From: Frances Dunham [mailto: **Personal Email / Ex. 6**]  
> > Sent: Wednesday, August 17, 2005  
> > To: Crosby-Vega, Terri <Crosby-Vega.Terri@epa.gov>  
> > Cc: Laura Olah <info@csweb.org>  
> > Subject: Eglin Air Force Base RCRA permit for open burning / open  
> > detonation

> >>  
> > Terri Crosby-Vega  
> > USEPA REGION 4  
> > 61 Forsyth Street, S.W.  
> > Mail Code: 9T25  
> > Atlanta, GA 30303-8960

> >>  
> > Terri,

> >> I am attempting to learn whether the Eglin Air Force Base permit (attached) places any prohibitions on the kinds of "hazardous waste explosives and military munitions that are no longer suitable for service" [generated at Eglin or coming from Hurlburt Field, Tyndall AFB, Pensacola NAS, Panama City NSA (see p.2)] that may be treated by open burning / open detonation anywhere on Eglin.

> >>  
> > Florida Department of Environmental Protection Agency staff with whom I've been in contact have been unable to direct me to any permit language that specifies what wastes may be so treated or permit language that specifies what wastes may not. I have been left with the understanding that ob/od is allowed for all wastes generated at Eglin and the other 4 sites; is that correct?

> >>  
> > I believe that other states prohibit open burning and open detonation of certain wastes, such as depleted uranium, red and white phosphorus, incendiaries, riot control gear, 50 mm rounds, etc. Is there no such prohibition at Eglin or other Florida ob/od sites, civilian or military?

> >>  
> > What are the circumstances under which an Eglin permit modification or emergency permit would be required?

> >>  
> > Also, do you agree with the opinion of FDEP staff that, since the Eglin permit contains no specified annual limit by weight for ob/od at Eglin, the only annual limit can be calculated using 3,000 pounds/event x 4 events/day x 365 days/year x 2 facilities, which totals 8,760,000 pounds?

> >>  
> > I greatly appreciate any help you can offer in answering these questions.

> >>  
> > Thank you.

> >>  
> > Frances Dunham

> >> **Personal Address / Ex. 6**

> >> **Personal Email / Ex. 6**

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> >>  
> >>  
> >>